

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
22 August 2002 (22.08.2002)

PCT

(10) International Publication Number  
WO 02/064435 A3(51) International Patent Classification<sup>7</sup>: B65H 1/00

(21) International Application Number: PCT/US02/04486

(22) International Filing Date: 15 February 2002 (15.02.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/269,134 15 February 2001 (15.02.2001) US(71) Applicant (for all designated States except US): PETRO-  
FERM, INC. [US/US]; 2416 Lynndale Road, Fernandina  
Beach, FL 32034 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BALISH, Thomas,  
J., Sr. [US/US]; 7577 Plainfield, Dearborn, MI 48127(US). MIKA, Louis, J. [US/US]; 202 N. Holbrook,  
Plymouth, MI 48170 (US). HAYES, Steven, B. [US/US];  
1700 Regatta Drive, Amelia Island, FL 32034 (US).(74) Agent: CARGILL, Lynn, E.; 56 Macomb Place, Mt.  
Clemens, MI 48043-5636 (US).

(81) Designated State (national): US.

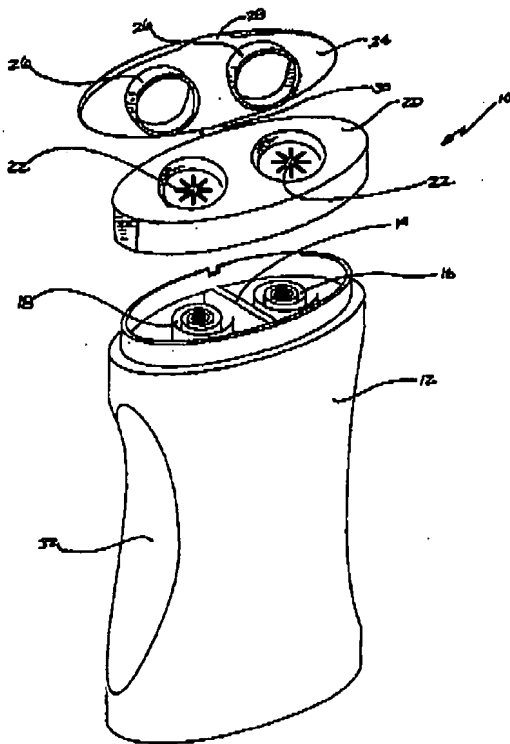
(84) Designated States (regional): European patent (AT, BE,  
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,  
NL, PT, SE, TR).

## Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a  
patent (Rule 4.17(i)) for the following designations Euro-  
pean patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GR, GR,  
IE, IT, LU, MC, NL, PT, SE, TR)— as to the applicant's entitlement to claim the priority of the  
earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: DISPENSING DEVICE



(57) Abstract: A multi-chamber hand grip dispensing device (10) for towelettes (16, 18) having at least one bisecting wall (14) disposed crosswise through the device (10), defining at least two chambers in the body (12) of the device (10) for containing and dispensing a roll of towelettes (16, 18) from each chamber. The dispenser body (12) preferably holds towelettes (16, 18) which are saturated with various car care detailing compositions, such as special cleaning and defogging composition for windshields, tire dressing chemicals, dashboard cleaners and conditioners, leather or vinyl conditioners, and the like. The overall design is meant to allow for a single dispenser device to be carried a person that is cleaning or detailing their car, with some or all of the desirable chemical compositions saturated onto perforated tear-off towelettes that can be dispensed from the top of the dispensing device.

WO 02/064435 A3

**WO 02/064435 A3**

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(88) Date of publication of the international search report:  
15 May 2003

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/04486

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B65H 1/00

US CL : 221/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 221/34, 63, 33

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,478,354 A (NOTHEIS) 23 October 1984 (23.10.1984) see the entire document	
A	US 5,467,893 A (LANDIS, II et al.) 21 November 1995 (21.11.1995) see the entire document	
A	US 5,560,514 A (FRAZIER) 01 October 1996 (01.10.1996) see the entire document	
A	US 5,595,786 A (McBRIDE, JR. et al.) 21 January 1997 (21.01.1997) see the entire document	
A	US 5,718,353 A (KANFER et al.) 17 February 1998 (17.02.1998) see the entire document	

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim(s) or other special reason (as specified)

"O" documents referring to an oral disclosure, use, exhibition or other means

"P" documents published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z"

document member of the same patent family

Date of the actual completion of the international search

22 May 2002 (22.05.2002)

Date of mailing of the international search report

22 AUG 2002

Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703)305-3230

Authorized officer

David H. Hollinger

Telephone No. 703-308-1113

Form PCT/ISA/210 (second sheet) (July 1998)

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/08534

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: B65H 01/00

USPC: 221/63

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 221/63

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
USPAT DB; US-PGPUBS-DB; EPO-DB- Derwent-DB; USOCR-DB; PLUS -DB; EIC-DB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO02/064435A2 (BALISH) 22 August 2002, pages 3-5.	1-5, 14
X	US4526921A (MARGUILLES) 02 July 1975, column 3-4.	1-5, 10
X	US2002/0023932a1 (FAULKES et al.) 28 February 2002, Fig. 1.	1, 3-5, 7
X	US2274866A (MARTENS) 03 March 1942, p2.	1-3, 8-9, 11
X	US5390820A (WRIGHT) 21 February 1995, fig 1-2, column 4.	1, 8, 11
X	US4865221A (JACKSON et al.) 12 September 1989, column 11, fig. 3.	1-5
X	US6170651A (TAORMINA) 09 January 2001, column 4, fig 1.	1-5



Further documents are listed in the continuation of Box C.



See patent family annex.

Special categories of cited documents:	
"A" documents defining the general state of the art which is not considered to be of particular relevance	"T" later documents published after the international filing date or priority date and not in conflict with the application but cited to underscore the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" documents referring to an oral disclosure, use, exhibition or other means	"Z" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

02 May 2007 (02.05.2007)

Date of mailing of the international search report

27 SEP 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Michael E. Butler

Telephone No. 571 272 6937

Form PCT/ISA/210 (second sheet) (April 2005)

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US05/08534

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US2619398A (KENMOTSU) 25 November 1952, Fig 2-3, column 2.	1-15
X	US5263607A (TEMESVARY et al.) 23 November 1993, column 2, fig 1 & 3.	1, 3-5, 10
X	US6092690A (BITWOOF et al.) 25 July 2000, column 2.	1,3-5,7
X	US4964526A (STEPHENS) 23 October 1999, Fig. 2/3, column 5.	1, 3, 6
X	US6592001 (LEWIS) 15 July 2003, column3, fig 1.	1-6, 10
Y	US2002/0170841A1 (PERSSON) 21 November 2002, Fig1.	6
Y	US5667092A (JULIUS et al.) 1-5 and 8-13 fig 2.	1-5, 8-13
Y,P	US20050189372A1 (FENTON) 1 September 2005, column 4-6.	1-5, 8-13

Form PCT/ISA/210 (continuation of second sheet) (April 2005)